


- Do not use a mattress made of hard material such as expanded polystyrene – it may result in the failure of the device (such materials are extremely sensitive to air movements).
- Please be aware that the device can only warn you in the case of an emergency. If the baby has a medical problem, it is up to you or a doctor to help.
- Manufacturer provides warranty for the product itself. The warranty is not valid for batteries and manufacturer is not responsible if the product is not used according to this manual.
- The manufacturer does not recommend buying or renting a second hand product. In case of careless manipulation the sensitivity of the sensor can decrease with all consequences. The manufacturer has no responsibility for events that can happen in that case.

Battery replacement

If the batteries are low, the red indicator  will flash and there will be no beep sound after it is tuned on. In this case replace the batteries. Use only 2 new size AA alkaline batteries (orientation is clearly marked in the battery compartment). Switch the Nanny on after battery replacement and you should hear a beep sound. If there is no beep, check the batteries. Do not use rechargeable accumulators.

Maintenance and cleaning

The Nanny does not require any regular maintenance. Regular testing of the device is recommended (once a week).

Use a soft wet cloth to clean the device when necessary (no aggressive cleaning agent should be used). Avoid water or any other liquid getting inside the control unit or inside the sensor pad. Protect the sensor pad from physical damage (impacts, falls, bending etc. can damage the sensor).

Specifications:

Power	3 V, 2x 1,5 V size AA alkaline batteries
Stand-by consumption	0.2 mA
Average battery life time	6 months (frequent testing makes it shorter)
Recommended weight of user	from min. 2 kg to max. 15 kg
Sensor pad	model BM-02D, size max. 350 x 550 x 15 mm, weight 1500 g, made of PVC-P
Control unit	size max. 135 x 70 x 35 mm, weight 150 g, made of ABS
Working environment	+5°C to +35°C, rel. humidity 30% to 75%
Storage environment	0°C to +40°C, rel. humidity 10% to 85%
Lifetime of the product	2 years

Contents: sensor pad, control unit, extension cable, splitting connector and plastic wall mount holder.

Conformity assessment was accomplished by the Notified Body No.1014.

It was also registered by the Ministry of Health Care of the Czech Republic

Hereby, Jablotron Ltd., declares that this BM-02 is in compliance with the essential requirements and other relevant provisions of Directive 1993/42/EC.

CE 1014

Original of the conformity assessment can be found at the web page www.jablotron.cz, section Technical support.

Note: Dispose of batteries safely depending on the type of the batteries and local regulation. Although this product does not contain any harmful materials we suggest you to return the product to the dealer or directly to the producer after usage.



Pod Skalkou 33
466 01 Jablonec nad Nisou
Czech Republic
Tel.: +420 483 559 999
fax: +420 483 559 993
Internet: www.jablotron.cz

BM-02 “Nanny” Baby Monitor

Congratulations to you and your newborn baby and to your wisdom in purchasing the “Nanny”. Not only will your child be sleeping peacefully!



Description

The BM-02 „Nanny“ continuously checks your baby's breathing and movements to confirm the absence of a possible danger. The Nanny triggers an acoustic and visual alarm if breathing stops for longer than 20 seconds or if the rate of breathing is below 8 breaths per minute. This allows for Apnea (Sudden Infant Death Syndrome) and other life threatening conditions to be indicated in time to save the child.

The BM-02 sensor pad, positioned under the bed's mattress, detects the gentle movements of an infant's chest. Signals from the sensor go to the control unit, which confirms regular breathing or movements. The device has no physical contact with the baby and it also does not generate any form of energy. So it cannot have any harmful effect to the human body.

Installation

1. **Place the sensor pad on the bed bottom** as shown in the diagram. Place the mattress on the sensor pad and be sure that the sensor is well positioned with the mattress using the following guidelines:
 - Center of the sensor pad should be approximately in the position of where the baby's chest will be
 - Pad should be on a smooth & solid surface – **It should not be bent!!**.
 - If there is only a spring grid supporting the bed, place a solid board (wood, plywood etc.) between the pad and the spring grid.
 - If you want to use the Nanny in multiple beds, use extra sensor pads (item number BM-02D). Install them in each bed and change only the location of the control unit.
 - Up to two sensor pads can be used in each bed with a single control unit if the child is large.

Using the device for twins: It is essential that each baby has its own bed and there is a separate device installed in each bed. The beds cannot touch. The children cannot even share one bed each having a separate device. It is also not allowed that both children share one unit having separate sensor pads connected together with the enclosed cable splitter. These incorrect solutions can endanger one baby's life!

2. **Connecting batteries** to the control unit (battery compartment is on the rear side of the control unit):
 - Use only 2 new size AA alkaline batteries.
 - Polarity of the batteries is clearly marked in the battery compartment.
 - Close the battery cover and turn the switch to position **I**.
 - If the batteries are OK the indicators will flash and you will hear a beep.
 - Switch the unit OFF again (position **0**)
 - If there is no beep after turning ON, check the batteries.
3. **Attaching the control unit to the bed** – using the fastening belt
 - The unit should be visible and should not be covered by anything
 - For bigger children we recommend to locate the unit out of their reach
 - It is also possible to use a wall mount holder to attach the control unit to the wall
4. **Connecting the sensor's cable to the unit** – you should hear a click
 - Route the cable in such a way that there is no slack long enough to make a loop. For bigger children the cable should be out of their reach
 - If you do not use the entire length of the cable, fix the excess firmly under the mattress.
 - If you position the control unit in another room, use the extension cable (5m), which is provided with the set. Only one extension cable can be used.
 - If you use two sensor pads in a bed, a cable splitter is provided in the set.
 - To disconnect the cable from the unit – press the connector tab towards the cable

Switch and Indicators

Switch – position **0** = OFF, **I** = ON



Green indicator – a short flash indicates a breath or a movement of the baby



Red indicator – flashing when there is an **ALARM**



Red indicator – flashing indicates low batteries

Operation

- A. Put the baby to bed.
- B. Turn on the unit (confirmed by a beep and a flash of all LED indicators)
- C. The green led indicator will flashes as the baby breathes or moves
- D. Turn off the unit before you take the baby out of the bed.

ALARM

If the baby is not breathing for longer than 20 seconds, or the breath rate is too slow, an alarm signal will sound and the red indicator will flash.

Check the baby and provide first aid if necessary (make sure that there are no reasons for choking, start resuscitation, call for emergency help). In some cases of Apnea the sound of the unit itself can wake the baby up and he/she will start to breath again on his/her own.

Alarm can be stopped by the switching the unit off.

There may be rare cases of false alarms, especially when the child is crawling and moves off the sensor pad.

Testing

You can test function of the Nanny in the following way (should be tested once a week):

1. If the baby is in the bed and the unit is ON, the green indicator should flash as the baby is breathing or moving.
2. Leave the unit ON and take the baby out of the bed.
 - The green indicator may continue to blink for a certain time (vibrations of the bed caused by the baby's removal)
 - Do not hold or touch the bed – the device may detect your breathing
3. When the flashing has stopped for 20 seconds, the unit will make warning beeps and will start the alarm sound
 - The red indicator should flash when the alarm is triggered.
 - Stop alarm by turning the switch on the unit OFF.

If the device does not work as described above, check that:

- There is a beep after switching it on. If not, check the batteries.
- After taking the baby out of the bed the green indicator stops flashing (within a minute or so) – if not, the device is detecting some intrusive vibrations – see following warning.

Important warning:

- *The Nanny is a very sensitive instrument, capable of sensing a sleeping baby's breathing. Intrusive vibrations of the bed, the floor or the entire building can influence its performance. The bed should not be in physical contact with another bed (which is used by another person or animal) or with any device that generates vibrations. Intrusive vibrations can also be caused by a powerful air movement (fan, air-conditioning...), by walking close the bed and by other sources. If you move the bed to a new location, you should test the Nanny before you use it.*